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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2368/12

First Inventor Kevin D. Parris

Title CRYSTAL STRUCTURE OF ACYL CARRIER PROTEIN  
SYNTHASE AND ACYL CARRIER PROTEIN . . .

Express Mail Label No. EL632297051US

Jc965 U.S. PTO

01/25/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 49]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 137]
5. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

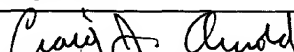
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

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Signature		Date	January 25, 2001

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Date of Deposit: January 25, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Name: Craig J. Arnold

Signature: *Craig J. Arnold*

Assistant Commissioner for Patents  
Washington, DC 20231

## Box Patent Application

Re: New U.S. Patent Application

Title: CRYSTAL STRUCTURE OF ACYL CARRIER PROTEIN  
SYNTHASE AND ACYL CARRIER PROTEIN SYNTHASE  
COMPLEX

Inventors: Kevin D. Parris, William S. Somers, Amy S. Tam,  
Laura L. Lin and Mark L. Stahl

Our File: 2368/12

Dear Sir:

Pursuant to 37 C.F.R. §1.53, enclosed please find a new U.S. Patent Application in the names of Kevin D. Parris, William S. Somers, Amy S. Tam, Laura L. Lin and Mark L. Stahl, entitled CRYSTAL STRUCTURE OF ACYL CARRIER PROTEIN SYNTHASE AND ACYL CARRIER PROTEIN SYNTHASE COMPLEX, including the following:

1. Utility Patent Application Transmittal cover sheet (Form PTOSB/05);
2. a complete patent application, including a specification (40 pages), claims (8 pages), abstract (1 page), and Figures 1, 2, 3A-3C, 4, 5, 6A-6B, 7, 8, and 9 (137 sheets); and
3. a return receipt postcard.

This application claims the benefit of U.S. Provisional Application No. 60/178,639 filed January 28, 2000.

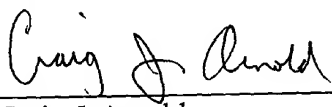
January 25, 2001

Please acknowledge receipt of the enclosed papers by stamping the enclosed postcard and returning the same to us.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN  
Attorneys for Applicants  
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(212) 697-5995

Dated: January 25, 2001  
New York, New York

By:   
Craig J. Arnold  
Registration No. 34,287

CJA/jgf  
Encls.